

Figure 1

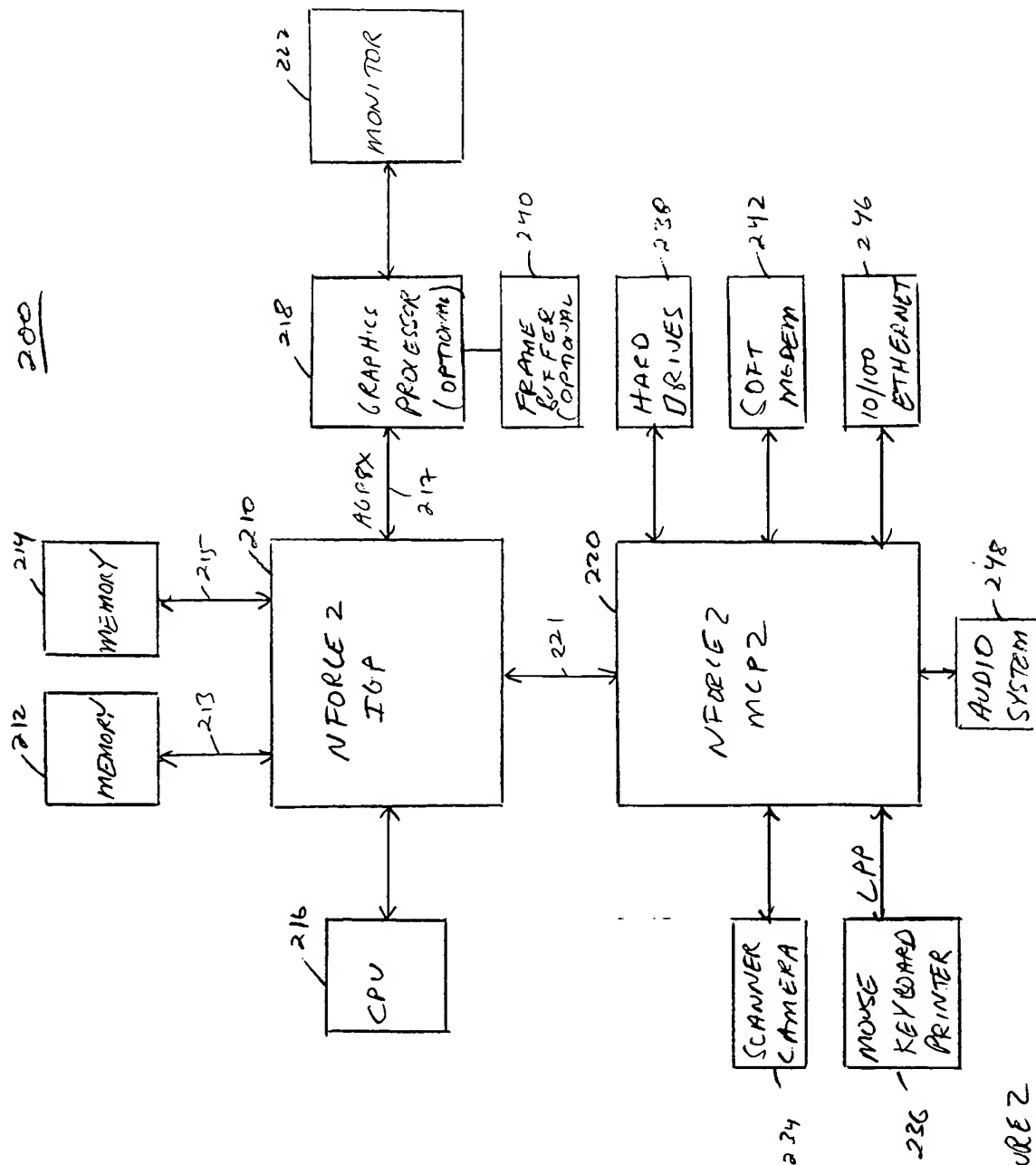


FIGURE 2

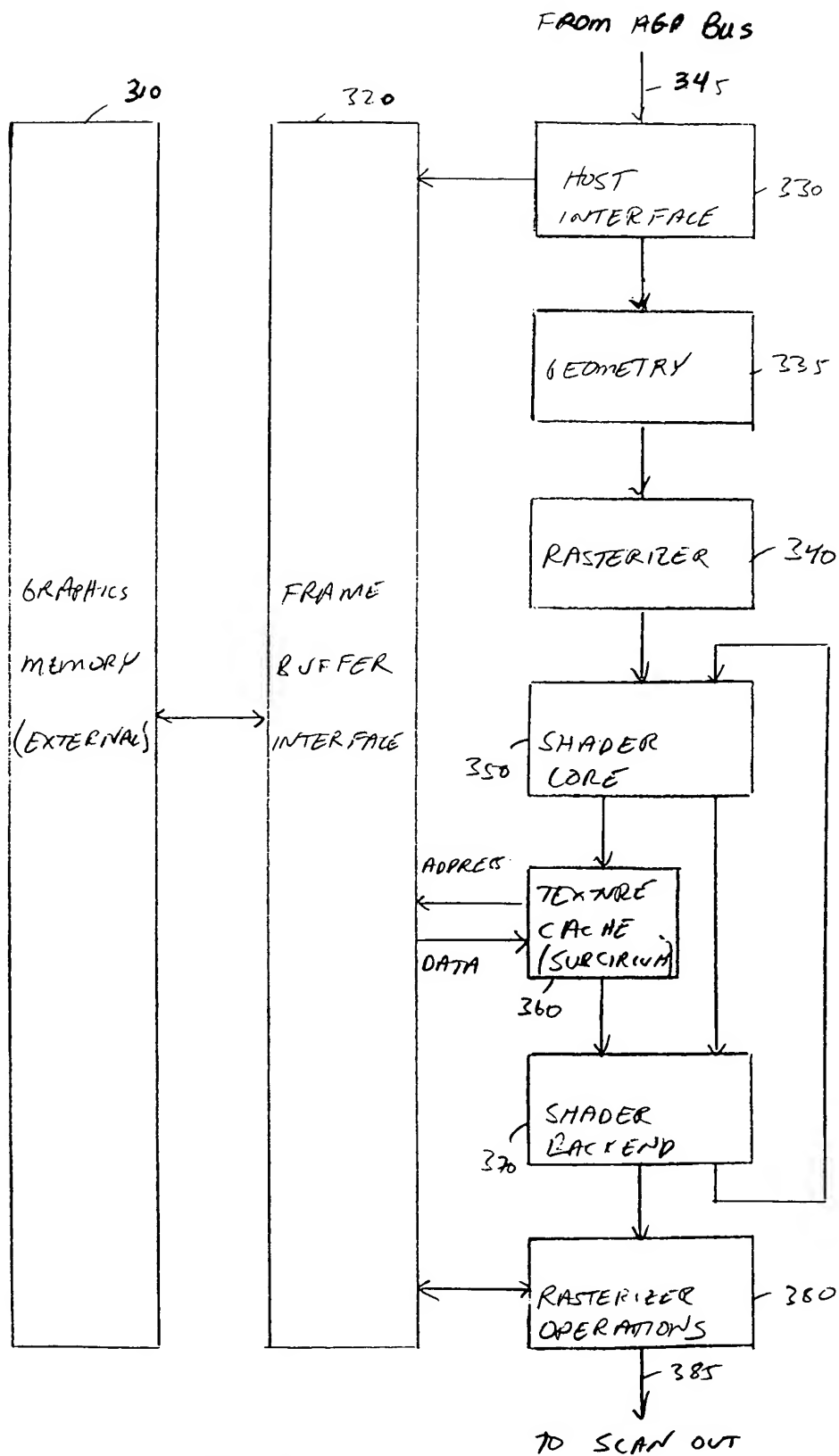


FIGURE 3

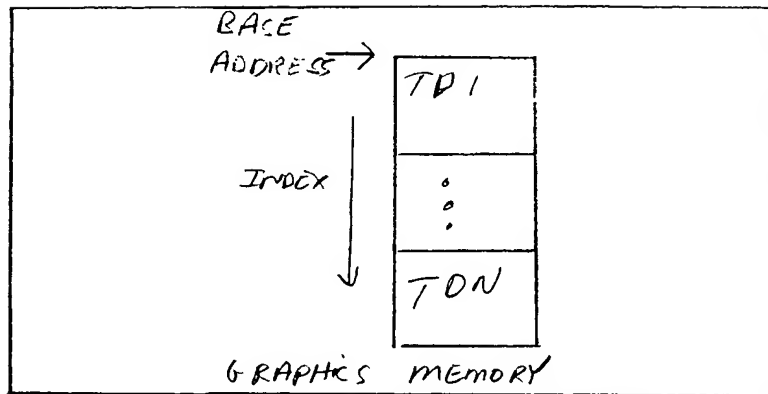


FIGURE 4A

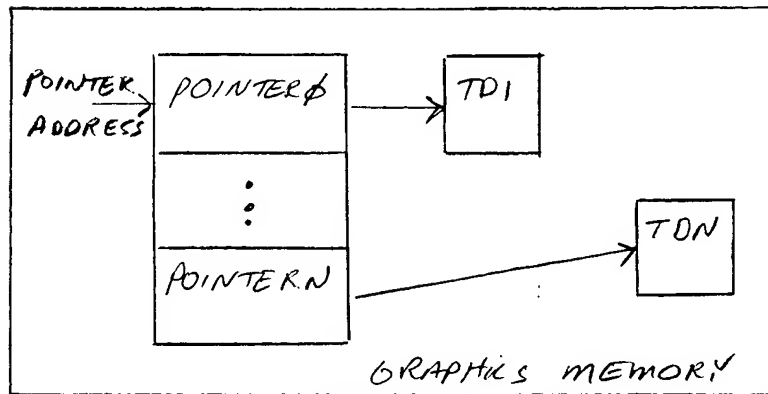


FIGURE 4B

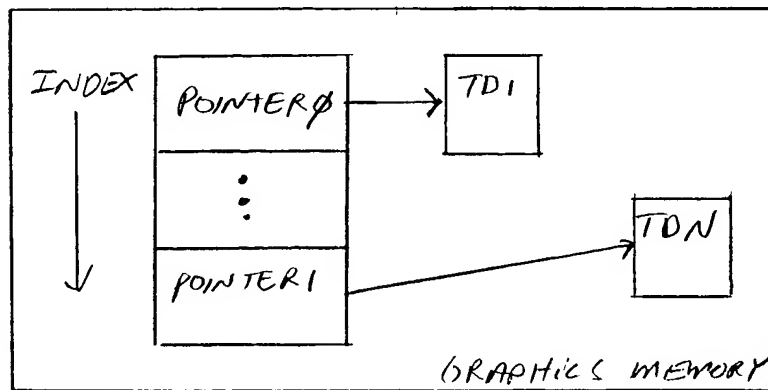


FIGURE 4C

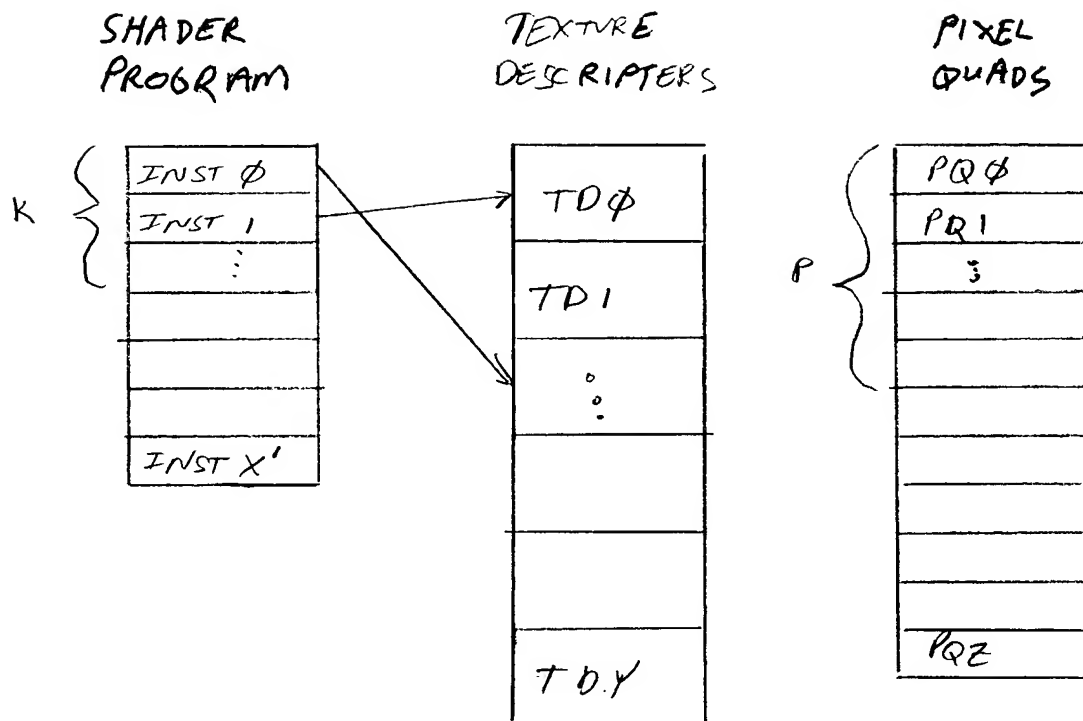


Figure 5

610	INSTRUCTION NUMBER	INSTRUCTION	<u>600</u>
	1	TEX R0, #102	- 620
	2	TEX R1, #103	- 630
	3	ADD R2, R0, R1	- 640
	4	TEX R0, #104	
	5	TEX R1, #105	
	6	ADD R2, R2, R0	
	7	ADD R2, R2, R1	
	8	TEX R0, #106	
	9	TEX R1, #107	
	10	ADD R2, R2, R0	
	11	ADD R2, R2, R1	
	12	TEX R0, #108	
	13	TEX R1, #109	
	14	ADD R2, R2, R0	
	15	ADD R2, R2, R1	
	16	OUT R2	- 650

Figure 6

700

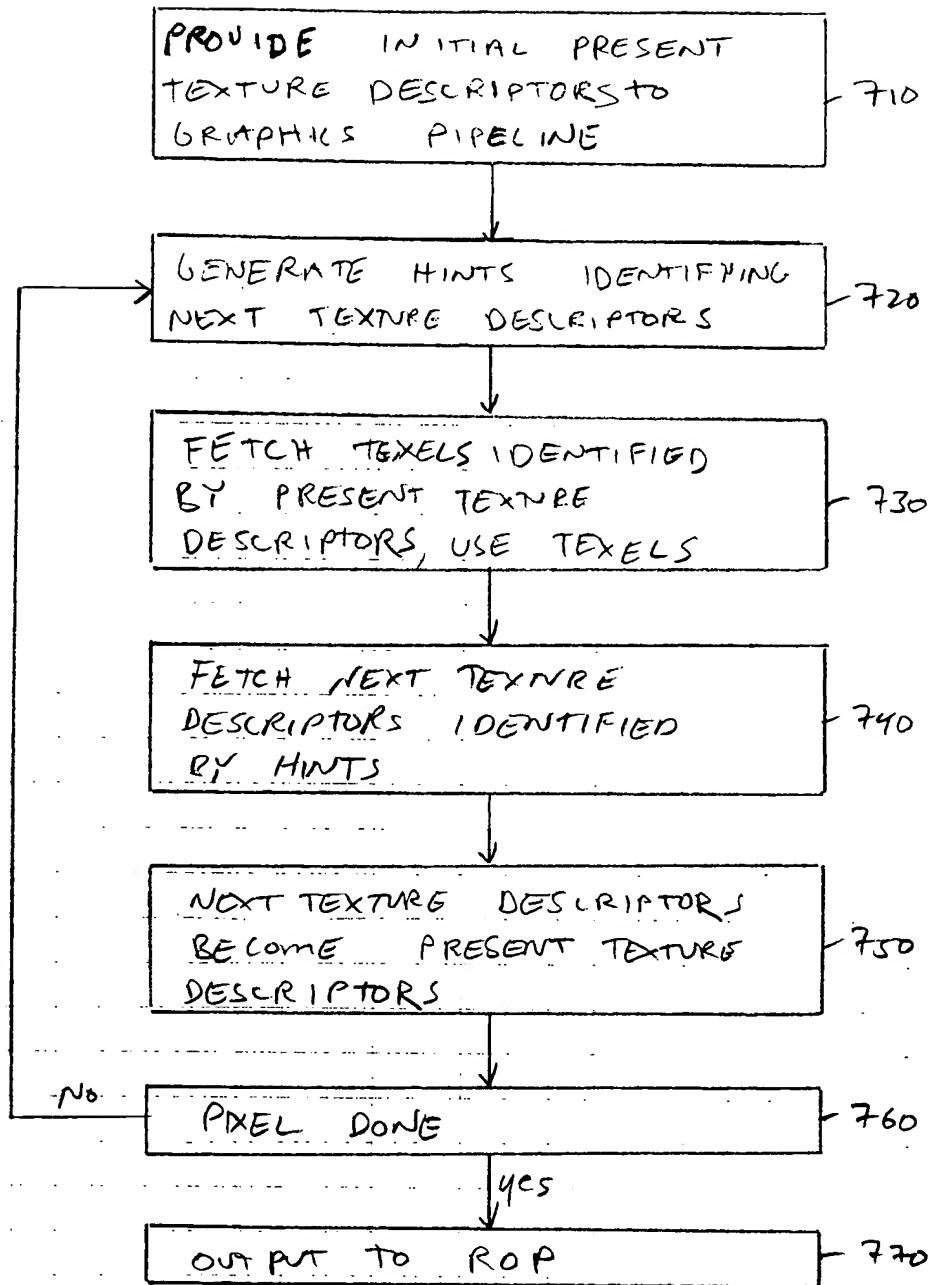


Figure 7

800

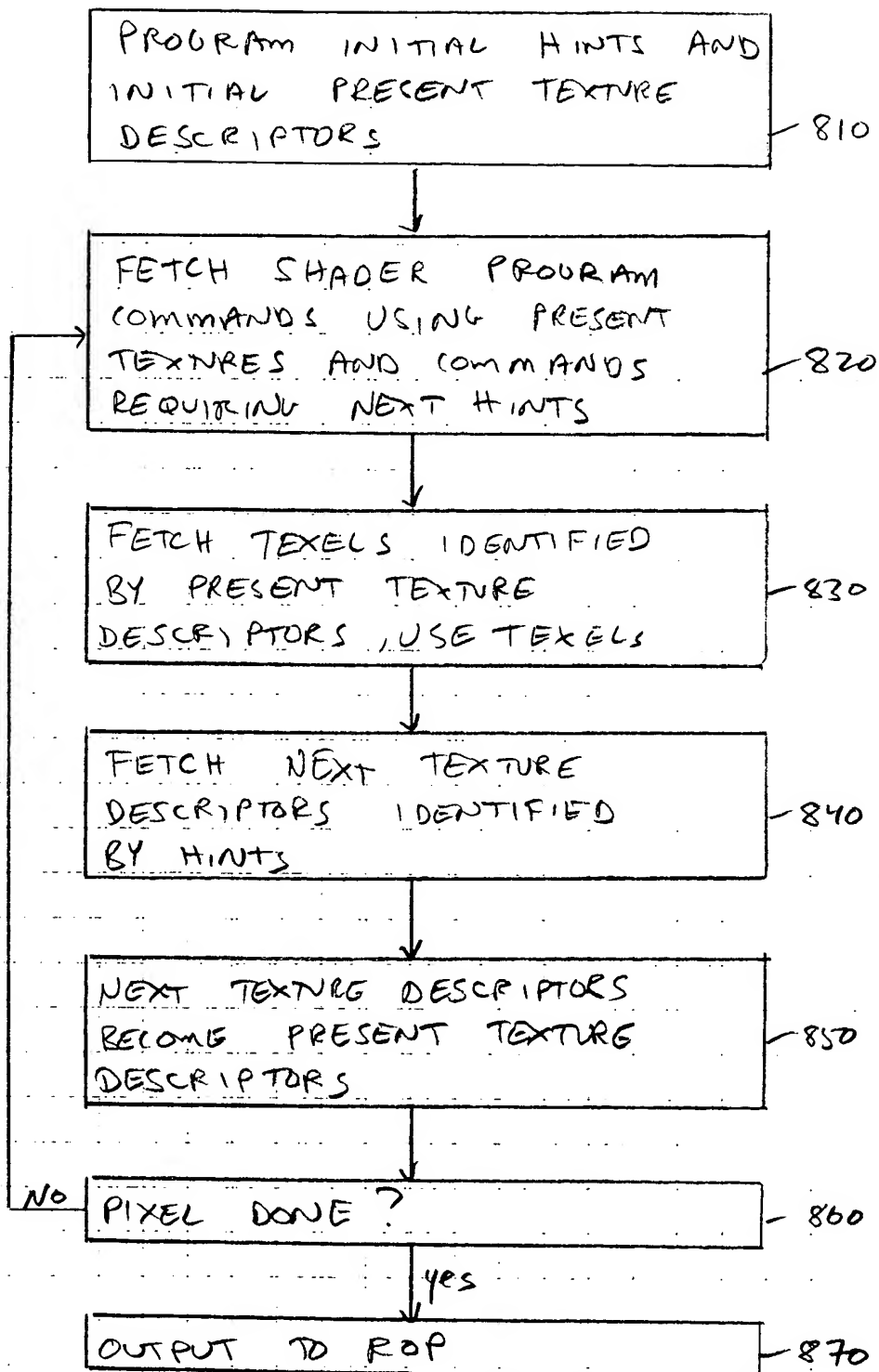


FIGURE 8

ACTIVITY	INSTRUCTION FETCH	INSTRUCTION USED	TEXTURE HINT AND TEXTURE DESCRIPTION FETCH	TEXTURE HINT USING TEXTURE DESCRIPTION	TEXTURE USED
PREFETCH	1-2 3-5	None	104, 105	102, 103	None
PASS 1	6, 7 8-11	1-3	106, 107	104, 105	102, 103
PASS 2	12-16	4-7	108, 109	106, 107	104, 105
PASS 3	None	8-11	No Op	108, 109	106, 107
PASS 4	None	12-16	No Op	No Op	108, 109

Figure 9

	1010	1012	1014	1016	1018	1020
	REG 1	REG 2	REG 3	REG 4	REG 5	REG 6
	INITIAL1	INITIAL2	NEXT1	NEXT2	PRESENT1	PRESENT2
1030	102	103	104	105	X	X
1040	↓	↓	PRESENT1	PRESENT2	NEXT1	NEXT2
			104	105	106	107
1050			NEXT1	NEXT2	PRESENT1	PRESENT2
			108	109	106	107
1060			PRESENT1	PRESENT2	NEXT1	NEXT2
			108	109	X	X
1070			NEXT1	NEXT2	PRESENT1	PRESENT2
			104	105	X	X

Figure 10

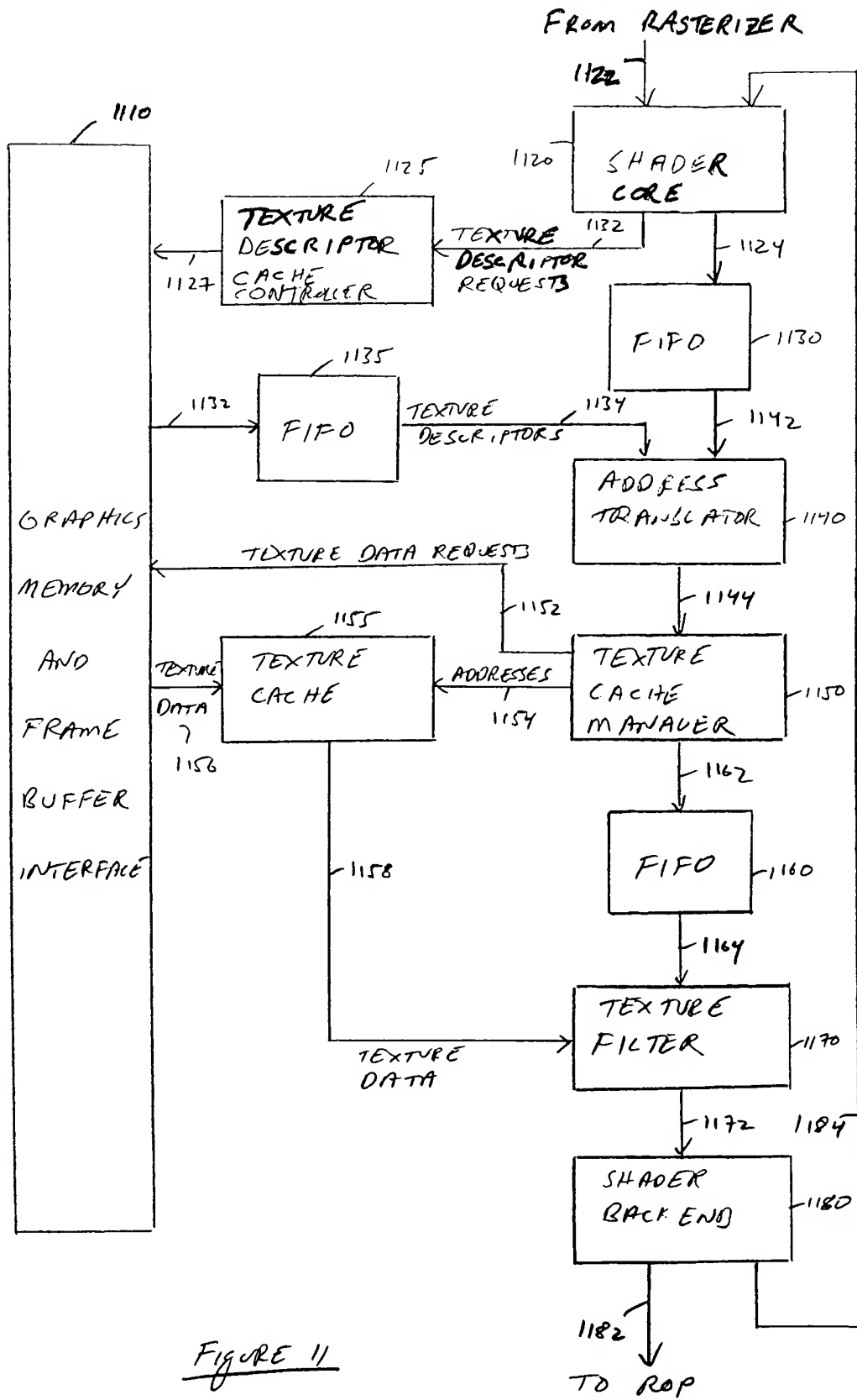


FIGURE 11